

Product SKU:	C3500.41.86
Product Description:	C3500, Coaxial Cable, RG59/U Type, Plenum, 20 AWG Solid Copper Clad Steel, +95% Bare Copper Braid, Flexguard® PVC Jacket - Natural - 1000 ft Reel
Product Category:	Electronics - Plenum Cable (available with rip cords - please contact customer service) - NEC Article 725, Article 800, Coaxial Cable - RG 59/U Type - Natural

**Product Construction:**

Conductor:	• 18 and 19 AWG, fully annealed, solid bare copper per ASTM B-3; 20 AWG fully annealed, stranded, tinned copper per ASTM B-33 • Copper clad steel per ASTM B-869
Insulation/Core:	• Premium grade, cellular Fluoropolymer
Shield:	• Bare copper braid
Jacket:	• Flexguard® PVC, Natural

Product Specification:

No. of Conductors:	• 1
Conductor Size (AWG):	• 20
Jacket Color:	• Natural
Insulation Material (in):	• Cellular Fluoropolymer 0.145
Insulation Material (mm):	• Cellular Fluoropolymer 3.68
Shield Coverage Nominal Shield DCR:	• 95% Bare Copper Braid 1.9 Ohm/M
Nominal Outside Diameter (in):	• 0.201
Nominal Outside Diameter (mm):	• 5.11

Nominal Capacitance (pF/ft):	• 16.50
Nominal Capacitance (pF/m):	• 54.14
Velocity of Propagation %:	• 82
Nominal Impedance Ohm:	• 75
Nominal Attenuation MHz/dB per 100 ft:	• 200/4.10 • 1/0.78 • 10/1.90 • 50/1.98 • 100/2.80 • 500/6.82 • 1000/9.64
Standard Packaging:	• 1000' Non-returnable Wood Reels
Standard Package Quantity:	• 1
ColorOption:	• Black
Product Information:	
Applications:	• CCTV and MATV • Local Area Network (LAN) • Programmable Logic Controllers (PLCs) • Suggested voltage rating: 150 Volts • Suitable for RF signal transmission • Video Display Terminals (VDT)
Compliances:	• Designed to Meet NFPA 262 Flame Test • NEC Article 725 (UL: 60Â°C, 150V) • NEC Article 800 (UL: 60Â°C, 300V)

Packaging:

- 1000' (305 m) Reels
- Other put-ups available- consult Customer Service

Technical Specifications

[Unit Conversion Factors](#)

[Cable Design Equations - Balanced Pair](#)

[Insulation and Jacket Properties](#)

[Temperature Conversion Chart](#)

[Decimal and Unit Conversion Factors](#)

[Cable Design Equations - Braid Shield](#)

[AWG Conductor Chart](#)

[Conduit Capacity Chart](#)

[Cable Design Equations - Coaxial Cable](#)

[Engineering Prefixes](#)

[Coax Connector Cross Reference](#)

[Glossary](#)



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